



PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Date of Signature

and Deposit: February 12, 2004

Adam J. Forman

Attorney of Record

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Patrick C. Herbert

Client Docket No. 02AB062

Serial No.: 10/675,642

Filing Date: 09/30/2003

Title: Microelectromechanical Strain Gauge

Art Unit: 2856

Examiner:

Atty Docket: 110003.97885

---

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97**

---

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 and 1.98:

- ☒ A list of documents on form PTO-1449 together with copies of all identified foreign patent documents and non-patent literature;
- ☐ A translation or a concise explanation of each non English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☒ 37 CFR 1.97(b) [within 3 months of filing or prior to 1<sup>st</sup> Office Action]
- ☐ 37 CFR 1.97(c) [before Final Office Action or Notice of Allowance]; and
- ☐ The required certification made under the heading "Certification" below;  
or

☐ The \$ \_\_\_\_\_ fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized under the heading "Authorization to Charge Fees" below.

☐ 37 CFR §1.97(d) [before issue fee payment]; and

a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee \$ \_\_\_\_\_ required by 37 CFR 1.17(i)(1) is authorized under the heading "Authorization to Charge Fees." (Direct this letter to "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g. "Allowed Files, Batch \_\_\_\_\_, Date of Allowance \_\_\_\_\_"), and

b) The required Certification is stated under the heading "Certification" below.

☐ Certification

☐ Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

☐ No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

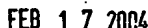
☒ Authorization to Charge Fees

Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account 17-0055.

Respectfully submitted,

By: Adam J. Forman

Adam J. Forman,  
Attorney for Applicant  
Reg No.: 46,707  
Quarles & Brady LLP  
411 East Wisconsin Avenue  
Milwaukee, WI 53202



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

*(Use as many sheets as necessary)*

1

of

2

Application Number	10/675,642
Filing Date	09/30/2003
First Named Inventor	Patrick C. Herbert
Art Unit	2856
Examiner Name	
Attorney Docket Number	02AB062

[illegible][illegible]Date  
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/675,642
Filing Date	09/30/2003
First Named Inventor	Patrick C. Herbert
Art Unit	2856
Examiner Name	
Attorney Docket Number	02AB062

Sheet 2 of 2

### OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	2	<a href="http://xenia.media.mit.edu/~verp/projects/smarten/node43.html">http://xenia.media.mit.edu/~verp/projects/smarten/node43.html</a> , Vibrating Beam Accelerometer	
	3	<a href="http://www.sensorland.com/HowPage048.html">http://www.sensorland.com/HowPage048.html</a> , How Sensors Work - Vibrating Beam Sensors	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.